EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L7	0	((adaptive adj model) and (training adj data)).clm.	US-PGPUB	OR	ON	2010/01/19 15:07
L8	47	((adaptive adj model)).clm.	US-PGPUB	OR	ON	2010/01/19 15:07
L11	170	((vectors and bin$4 and train$3)).clm.	US-PGPUB	OR	ON	2010/01/19 15:16
L12	43	((vectors and (bin or binning) and train$3)).clm.	US-PGPUB	OR	ON	2010/01/19 15:34

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S24 1	1800	702/183.ccls.	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2010/01/19 11:58

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L17	92	(vectors and (bin or binning)) and train$3 and adaptive and sequence adj number and sort$3	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2010/01/19 16:27

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	20	703/17.ccls. and @pd>="20090901"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2010/01/19 14:47
L5	10	(sequence adj number) same (training near data)	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2010/01/19 14:55
L6	19	assign$5 near (sequence adj number) and (training near data)	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2010/01/19 14:57

the **training data**, we should parti- tion the training set into two subsets. One subset
would be used to learn the classifier that yields uncalibrated ...
Cited by 174 - Related articles - View as HTML - BL Direct - All 13 versions

[PDF] LIBSVM: a library for support vector machines
CC Chang, CJ Lin - 2001 - Citeseer
Page 1. LIBSVM: a Library for Support Vector Machines Chih-Chung Chang and
Chih-Jen Lin [...] Last updated: January 3, 2006 Abstract LIBSVM isa library for support vector
machines (SVM). Its goal is to help users to easily use SVM as a tool. ...
Cited by 2681 - Related articles - View as HTML - All 23 versions

[PDF] Building symbolic information for 3D human body modeling from range data
L Dekker, I Douros, BF Buxton, P ... - 3DiM99 Proceedings, 1999 - somavision.co.uk
... The landmarks used to train PDMs must be reliably locatable on the **training data** in the processing
medium, in this case, 3D surface data. ... The mesh segments are fitted to the segment data by first
binning the points (figure 6) into fixed interval sectors (where the sector angle, θ ...
Cited by 50 - Related articles - View as HTML - All 7 versions

Network generality, training required, and precision required
JS Denker, BS Wittner - Neural information processing systems: ..., 1988 - books.google.com
... 1987). Once again, we can use the **training data** to winnow the ensemble, and when
m~ So, there will be only one remaining **bin**. That function will presumably generalize
correctly to the remaining 1N—m possible patterns. ...
Cited by 32 - Related articles

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[Search] Advanced Scholar Search
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Scholar | Articles and patents ▾ | | 1970 | - | 2001 | | include citations ▾ | Results **1 - 10** of abou

Did you mean: "training data " *mining*

[PDF] … at 8 km spatial resolution: The use of **training data** derived from Landsat …
R DeFries, M Hansen, JRG Townshend, R … - International Journal of …, 1998 - landcover.org
… Global land cover classiŽcations at 8 km spatial resolution: the use of **training data** derived from
Landsat imagery in decision tree classiŽers … High-resolution Landsat data provide the basis to
derive **training data** through visual interpretation of the vegetation on the ground. …
Cited by 283 - Related articles - View as HTML - BL Direct - All 15 versions

Training algorithms for linear text classifiers
DD Lewis, RE Schapire, JP Callan, R … - Proceedings of the 19th …, 1996 - portal.acm.org
… The judged documents are used as **training data** to produce a more effective query and thus
a new and better ranking. In text categorization, doc- uments that have been categorized by human
indexers can be used as **training data** for a classifier to categorize future documents. …
Cited by 540 - Related articles - All 20 versions

Adequacy testing of training set sample sizes in the development of a computer- …
B Zheng, YH Chang, WF Good, D Gur - Academic Radiology, 1997 - Elsevier
… Performance with the testing data set continued to improve as the **training data** set increased
in size. Conclusion. A trend in a system's performance as a function of training set size can be
used to assess adequacy of the **training data** set in the development of a CAD scheme. …
Cited by 20 - Related articles - BL Direct - All 4 versions

[PDF] Blind separation of convolved mixtures in the frequency domain
P Smaragdis… - Neurocomputing, 1998 - Citeseer
… unmixing matrices. In order to enforce this further we can use an influence factor for
the update of every **bin** so that: (11) where … and momentum. On-line training was per-
formed, only once through the **training data** in real- time. After …
Cited by 375 - Related articles - View as HTML - All 9 versions

[PDF] Comparison of two different PNN training approaches for satellite cloud data …
B Tian, MR Azimi-Sadjadi - IEEE Transactions …, 2001 - chesearch.engr.colostate.edu
… Data Classification **Bin** Tian and Mahmood R. Azimi-Sadjadi … This may be due to the fact that the
Gaussian mixture model may not be an accu- rate assumption for some of the feature space
distribution and the **training data** set is often inadequate. In [4], Juang et al. …
Cited by 12 - Related articles - View as HTML - BL Direct - All 10 versions

[PDF] A study of cloud classification with neural networks using spectral and …
B Tian, MA Shaikh, MR Azimi-Sadjadi, … - … on Neural Networks, 1999 - cnrl.colostate.edu
… **Bin** Tian, Mukhtiar A. Shaikh, Mahmood R. Azimi-Sadjadi, Senior Member, IEEE, Thomas H.
Vonder Haar, and Donald L. Reinke … The key issue for the implementation of this Bayesian
classifier is to extract the conditional distributions from the **training data** set. …
Cited by 61 - Related articles - View as HTML - BL Direct - All 11 versions

[PDF] Obtaining calibrated probability estimates from decision trees and naive …
B Zadrozny, C Elkan - MACHINE LEARNING-INTERNATIONAL …, 2001 - Citeseer
… With most learning methods, in order to obtain **binned** esti- mates that do not overfit

Google scholar   "sequence numbers" "adaptive model"   [Search]   Advanced Scholar Search
Scholar Preferences

Scholar | Articles and patents ▾ | 1970 - 2001 | include citations ▾ | Results **1 - 3** of **3**. (0.1

A Predictor of Human Visual Performance (PREVIP) at Form Discrimination Tasks
RA Gagnon - 1980 - Storming Media
Page 1. ф CO C* o BOGSRÁ. GACmait. CöL,USÁ?- :▪• 4ì ifc-'YV w^^v*^**- и .и.'., i
'•in'~";~T^''*^ì Atta. "»} jéb«i»;'«wdHibat .'. " ▪ l.'.í'-'"ìîl;ìjl',rtiì; ▪'Я Я « •y , a \ if jh. s* -MSÈsM
*кяь..аи1 ▪,Vfi.Vi^^=^üfc\: LiirÁ'Bdsa-ь-щгГ ríi fìlr iiiii SS*iäS?lS=SS Page 2. ...
All 3 versions

[TXT] Modeling of primary and secondary load in the internet
BE Wolfinger, M Zaddach, G Bai, KD ... - ... Hamburg FB Informatik, 2000 - historical.ncstrl.org
... request, ffi CONNECTION ACKNOWLEDGE CLIENT request, that is, the client, first, sends a SYN
(synchronize **sequence numbers** flag) segment ... strong impact in case of static resource reservations
during data transmission as well as in case of an **adaptive model**-based quality ...
Cited by 6 - Related articles - Cached - All 2 versions

Personal communication system
FP Moyano, JP Fernandez, CR Balmaseda ... - US Patent App. 09/ ..., 2001 - Google Patents
Page 1. US 20020051519A1 (19) United States (12) Patent Application Publication
(io> Pub. NO.: US 2002/0051519 Al Moyano et al. (43) Pub. Date: May 2,2002 (54)
PERSONAL COMMUNICATION SYSTEM (76) Inventors ...
All 3 versions

"sequence numbers" "adaptive mode   [Search]

Google scholar | "sequence numbers" "training data" | Search | Advanced Scholar Search
                                                                            Scholar Preferences

Scholar | Articles and patents ▾ | 1970 - 2001 | include citations ▾ | Results **1 - 10** of abou

[PDF] PHAD: Packet header anomaly detection for identifying hostile network traffic
M Mahoney, PK Chan - Florida Institute of Technology technical report CS ..., 2001 - Citeseer
... Techniques include the deliberate use of bad checksums, unusual TCP flags or IP options,
invalid **sequence numbers**, spoofed Page 2. 2. ... In Section 5, we simulate PHAD in an on-line
environment where the **training data** is not guaranteed to be attack-free. ...
Cited by 87 - Related articles - View as HTML - All 8 versions

Local structural motifs of protein backbones are classified by self-organizing neural ...
J Schuchhardt, G Schneider, J Reichelt, ... - Protein Engineering ..., 1996 - Oxford Univ Press
... by neuron (0/8). Corresponding to the large bar in the histogram this helical motif is the one most
frequently found in the **training data**. ... Fig. 6. Sequences of the 30 structural elements most similar
to neuron (5/4). From left to right the **sequence numbers**, the PDB identifiers, the ...
Cited by 54 - Related articles - BL Direct - All 7 versions

[PDF] Prediction and Classification of -Turn Types
KC Chou - Biopolymers, 1997 - gordonlifescience.org
... Prediction and Classification ofa-Turn Types 845 where Pi^^R^.t) (a = 1, 2, 3,4, 5) is the probability
of amino acid R;+,.i occurring at the subsite ıı for the type I-ûrs, and its value can be derived
from a **training data** set consisting of only I-ûrs type pentapeptides (set Si-rs); -PL'15 (R ...
Cited by 52 - Related articles - BL Direct - All 6 versions

[PDF] Mining fuzzy association rules and fuzzy frequency episodes for intrusion ...
J Luo, SM Bridges - International Journal of Intelligent Systems, 2000 - Citeseer
... detection problem. 2. DATA MINING METHODS FOR INTRUSION DETECTION Data mining
methods can be used to extract normal patterns from **training data** automatically and
adaptively. Two data mining methods, association rules and serial ...
Cited by 103 - Related articles - View as HTML - BL Direct - All 11 versions

Classification and prediction of β-turn types
KC Chou, JR Blinn - Journal of protein chemistry, 1997 - Springer
... This is probably due to: (1) the incompleteness of **training data**, meaning insufficient data in the
development of the residue-coupled frequencies for each of the structural types concerned, so
that the signal-to-noise ratio is poor, and (2) the incom- pleteness of the algorithm ...
Cited by 43 - Related articles - BL Direct - All 7 versions

[PDF] Integrating fuzzy logic with data mining methods for intrusion detection
J Luo - 1999 - Citeseer
... 54 6.7 Comparison of Similarities Between **Training Data** Set and Different Test
Data Sets for Fuzzy Episode Rules .... 55 ... its IP **sequence numbers** and
then masking itself as a legal user. Since intrusions will take ...
Cited by 40 - Related articles - View as HTML - All 3 versions

Fast training of recurrent networks based on the EM algorithm
S Ma, C Ji - IEEE Transactions on Neural Networks, 1998 - doi.ieeecomputersociety.org
... Recall that the **training data** used to train a single (the th) hidden neuron is where are the inputs
and is their corresponding target. ... To give a rough idea about the problems, the targets versus
their corresponding inputs and their corresponding **sequence numbers** are given in ...

Cited by 26 - Related articles - BL Direct - All 6 versions

Classification and prediction of β–turn types by neural network

YD Cai, YX Li, KC Chou - Advances in Engineering Software, 1999 - Elsevier

... 405), II'(89), VI(55), VIII(320), and non–β–turns (3807) in the training database as constructed recently by [1]. Using these **training data** the rate ... and C–terminal residues are marked respectively by 1 and 54, all the β–turns are marked by their ith and (i+3)th **sequence numbers**. ...

Cited by 9 - Related articles - BL Direct - All 2 versions

[PDF] Finding images of landmarks in video sequences

Y Takeuchi, M Hebert - Proceedings of the IEEE Conference on ..., 1998 - Citeseer

... Specifically, images whose **sequence numbers** are far from each other cannot be grouped together because they were taken from locations distant from each other. ... T m is computed from the aver- age difference between distances in the **training data** set. ...

Cited by 8 - Related articles - View as HTML - All 9 versions

Detection and classification of TCP/IP network services

KMC Tan, BS Collie - Proceedings of the Computer ..., 1997 - doi.ieeecomputersociety.org

... is independent of the location of the observer [9]. The SYN packet serves to establish virtual connections and to synchronise packet **sequence numbers** during the ... These signa- tures are what the network has encapsulated of the **training data** which has been presented to it. ...

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"sequence numbers" "training data"   Search

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Scholar [Articles and patents ▾] [1970] - [2001] [include citations ▾]

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                                                                      Scholar Preferences

Scholar | Articles and patents ▾ | 1970 - 2001 | include citations ▾ | Results **1 - 5** of **5**. (0.1

Sample Selection for Covariance Estimation in Practical Airborne Environments
WL Melvin - 1996 - Storming Media
... A synthetic target has been injected into range **bin** 290, Doppler 10, broadside (0 degrees azimuth). ...
weights were computed from the same superset of secondary, further confirming the effects of
nonhomogeneous data and the potential impact of **training data selection** schemes ...
Cited by 1 - Related articles - All 3 versions

[PDF] Estimation of structural component loads in helicopters: a review of current ...
FG Polanco - 1999 - dsto.defence.gov.au
... Using **bin** combinations for defining flight conditions, a flight condition recognition system
was developed for the AH-1W helicopter. An example of a speed-altitude **bin** combination
is speed in the range 10–20 kn and altitude in the range 1000–1500 ft. ...
Cited by 2 - Related articles - All 8 versions

SVM binary classifier ensembles for image classification
KS Goh, E Chang, KT Cheng - Proceedings of the tenth ..., 2001 - portal.acm.org
... The goal of the first category is to re- duce prediction variance caused by **training data selection**. ...
For color, we have 12 color bins for the 11 culture colors (black, white, red, yellow, green,
blue, brown, purple, pink, orange, and gray) and one outlier **bin**. ...
Cited by 47 - Related articles - All 7 versions

[PDF] Performance analysis of the nonhomogeneity detector for STAP applications
M Rangaswamy, B Himed, JH Michels... - 2001 - dtic.mil
... Performance results are presented using both simulated and measured data. We then employ
the NHD as a pre-processing step for **training data selection** and assess performance of the
adaptive matched filter (AMF) test [16,17,18]. ... 10 -5 0 Range **Bin** Index Test Statistic (dB) ...
Cited by 15 - Related articles - View as HTML - BL Direct - All 6 versions

Novel Space-Time Adaptive Processing Methods for Gaussian and Non-Gaussian ...
M Rangaswamy - 2001 - Storming Media
... reduced training data support. Finally, (4) we provided a rigorous statistical analysis
of the recently proposed non-homogeneity detector, which is useful for **training data
selection** in STAP applications. 14. SUBJECT TERMS STAP ...
Related articles - All 4 versions

"training data selection" binning   [Search]

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                                                                     Scholar Preferences

Scholar | Articles and patents ▾ | | 1970 | - | 2001 | | include citations ▾ | Results 1 - 10 of 12. (

Did you mean: "training data " *mining* "adaptive model"

Estimation and prediction of evolving color distributions for skin segmentation …
L Sigal, S Sclaroff, V Athitsos - IEEE COMPUTER …, 2000 - doi.ieeecomputersociety.org
… Conditional probability densities were obtained by divid- ing the count of pixels in each histogram
bin by the total number of pixels in the … Figure 1: Average ROC curves (computed over three random
sets of 100 images excluded from **training data**) for skin segmen- tation as a …
Cited by 106 - Related articles - BL Direct - All 29 versions

[PDF] Topic detection and tracking pilot study: Final report
J Allan, J Carbonell, G Doddington, J Yamron, … - Proceedings of the …, 1998 - Citeseer
… However, it is not known to what extent the results would improve from better **binning**. One
advantage of the HMM implementation is that it is very fast. … The disadvantage of the HMM method
is that it requires segmented **training data**. Results and Discussion LCA Method. …
Cited by 485 - Related articles - View as HTML - All 14 versions

[PDF] Comparative experiments on large vocabulary speech recognition
R Schwartz, F Kubala, L Nguyen, J Makhoul, T … - 1993 - acl.ldc.upenn.edu
… In this case, we must clearly use either a speaker-dependent or speaker-**adaptive model** in order …
are shifted relative to the original means, where the shift can be different for each **bin**. … We had
available stereo **training data** from several simultaneous microphones that were not used in the test. …
Cited by 25 - Related articles - View as HTML - All 14 versions

System for extraction of representative data for training of adaptive process …
SW Wegerich, AD Wilks, A … - US Patent App. 09/784,158, 2001 - Google Patents
… Finally, some empirical models are actually adversely affected by too much **training data**: They
tend to find every current state of the monitored process or machine acceptable, because
something close enough to it can be found in the historic Page 12. US 2002/0087290 A1 Jul. …
All 2 versions

[PDF] A maximum entropy approach to adaptive statistical language modelling
R Rosenfeld - Computer speech and language, 1996 - Citeseer
… fail to appropriately merge training instances that are based on different values of d. Thus they
unnecessarily fragment the **training data**. … Wehavecreatedan interpolate program that takes any
number of probability streams, and an optional **bin**-partitioning stream, and runs the EM …
Cited by 415 - Related articles - View as HTML - BL Direct - All 16 versions

Intelligent system for reading handwriting on forms
MD Garris - PROCEEDINGS OF THE HAWAII …, 1998 - doi.ieeecomputersociety.org
… test-bed not only contains pre-trained classifiers, but it provides extensive **training data** along
with … runs (n=3) on each scanline of the image are accumulated into a histogram **bin**. … utilizes a
method of handprint character segmentation that uses a simple **adaptive model** of writing …
Cited by 4 - Related articles - BL Direct - All 8 versions

A framework for filtering news and managing distributed data
G Amati, DD'Aloisi, V Giannini, F Ubaldini - Journal of Universal …, 1997 - jucs.org
… ProFile learns the user's information need by using his relevance feedback. The

adaptive model of ProFile is on line updated. ... In Section 2.3 we evaluate the
performance of the learning model when little **training data** is provided. ...
Cited by 14 - Related articles - All 8 versions

[PDF] FLIR/LADAR Fusion for Target Identification
T Jenks - 1996 - dtic.mil
... **Adaptive Model**-Based Techniques Rockwell's Baseline ATD/I System ШHo{ Done Under Current
Contract Figure 3. The adaptive background suppression ... The output would be a 2D histogram,
comprised of eight-bit registers, where the center **bin** contains the maximum value ...
Related articles - All 3 versions

Artificial neural networks in renewable energy systems applications: a review
SA Kalogirou - Renewable and Sustainable Energy Reviews, 2001 - Elsevier
... Mapping of a multiple input to a single output is established. Unlike most statistical techniques,
this can be done with **adaptive model**-free estimation of parameters. 2. Pattern association and
pattern recognition. ... The training of all patterns of a **training data** set is called an epoch. ...
Cited by 111 - Related articles - BL Direct - All 6 versions

Multimodal people ID for a multimedia meeting browser
J Yang, X Zhu, R Gross, J Kominek, Y Pan. ... - Proceedings of the ..., 1999 - portal.acm.org
... For each segmented person, we collect (r, g) or (t, s) histogram counts with an M-**bin** histogram. ...
A difficulty in this task is how to achieve high performance in real-time with a relatively small
amount of **training data**. We will describe our baseline identification system first. ...
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